717
U.S. COAST GUARD
717

BOOKLET OF GENERAL PLANS

PLATE 1 OF 14

ORDER OF PLANS

PLATE NO.	TITLE
1	COVER PAGE
2	GEN DIMENSIONS & DATA
3	OUTBOARD PROFILE
4	INBOARD PROFILE
5	04 LEVEL & ABOVE
6	03 LEVEL
7	02 LEVEL
8	01 LEVEL
9	MAIN DECK
10	2ND DECK
11	3RD DECK
12	HOLD FLAT
13	INNER BOTTOM
14	MIDSHIP & TYPE SECTIONS

DAVITS AND BOOMS

QTY	TYPE	CAPACITY
1	PORTABLE CRESCENT	1,500 LBS.
2	PORTABLE CRESCENT	500 LBS.
1	ROTATING HYDRAULIC (R.H.I. BOAT)	5,000 LBS.
1	DUAL POINT DAVIT	9,900 LBS.
1	TORPEDO HNDLG BOOM	800 LBS.

ACOMMODATIONS

	DECK	BERTHS	LOCKERS
C.O.	02	1	–
GUEST	02	1	–
X.O.	01	1	–
E.O.	01	1	–
VISITORS	02	12	12
OFFICERS	MN	16	16
C.P.O.	01	16	–
CREW	2ND	146	146
TOTAL		194	174

LOCATION OF SELECTED LIGHTS, ANTENNAS AND PLATFORMS

ITEM	LOCATION	HEIGHT ABOVE D.W.L.
STEERING LIGHT	JACK STAFF C	36'-9"
FORWARD ANCHOR LIGHT	JACK STAFF C	44'-3 1/2"
SIDE LIGHTS	03 LVL SIDE PLTG P/S	39'-2"
FORWARD MAST HEAD LIGHT	FOREMAST C	69'-3"
LOWER TOWING & UNDERWATER OPERATIONS LIGHT	FOREMAST C	77'-0"
UPPER TOWING & UNDERWATER OPERATIONS LIGHT	FOREMAST C	85'-0"
INFRA RED BEACON LIGHTS	FOREMAST YARDARM P/S	86'-4"
BLINKER LIGHTS	FOREMAST YARDARM P/S	85'-4"
A.S.W. LIGHT	FOREMAST TOP	
MANEUVERING LIGHT	FORE TOPMAST	
LOWER NOT UNDER COMMAND LIGHT	FORE TOPMAST P	92'-8"
REPLENISHMENT AT SEA LIGHT	FORE TOPMAST P	99'-8"
UPPER NOT UNDER COMMAND LIGHT	FORE TOPMAST P	104'-8"
AIRCRAFT WARNING LIGHTS	FORE TOPMAST TOP P/S	109'-10"
AFT MAST RANGE LIGHT	MAINMAST TOP UPR PLTF	82'-0"
HELICOPTER HOMING BEACON	MAIN TOPMAST P	103'-0"
STERN TOWING LIGHT (PORTABLE)	01 LEVEL COAMING	
STERN (FORWARD) LIGHT	01 LEVEL COAMING C	20'-0"
STERN LIGHT	TRANSOM BULWARK C	16'-2"
AFT ANCHOR LIGHT	ENSIGN STAFF C	28'-8 5/16"
MK 92 CAS ANTENNA	05 LEVEL C	82'-11 1/4"

LOCATION OF SELECTED LIGHTS, ANTENNAS AND PLATFORMS

ITEM	LOCATION	HEIGHT ABOVE D.W.L.
SURFACE SEARCH RADAR ANTENNA	FOREMAST TOP C	89'-9 1/4"
UHF DIRECTION FINDER ANTENNA	FORE TOPMAST TOP C	113'-0"
AIR SEARCH RADAR ANTENNA	MAINMAST TOP UPPER PLTF	96'-4"
TACAN ANTENNA	MAIN TOPMAST TOP C	106'-4"
TACAN LIGHTNING PROTECTOR	MAIN TOPMAST TOP	112'-5"
FOREMAST TOP LOWER PLATFORM	–	76'-6"
FOREMAST TOP UPPER PLATFORM	–	84'-6"
FORE TOPMAST TOP	–	109'-7"
MAINMAST TOP LOWER PLATFORM	–	75'-8"
MAINMAST TOP UPPER PLATFORM	–	81'-8"
MAIN TOPMAST TOP	–	106'-4"

GENERAL INFORMATION

LENGTH BETWEEN PERPENDICULARS	350'-0"
LENGTH OVERALL	378'-4 1/4"
BREADTH (MOLDED)	42'-0"
DRAFT DWL TO BOTTOM OF KEEL	13'-6"
DRAFT DWL TO LOWEST PROJECTION BLW KEEL (PROPELLER)	18'-9 1/4"
OVERHEAD CLEARANCE DWL TO RADAR ANTENNA TOP, FOREMAST	112'-10 1/2"

BOATS

TYPE	QTY	P/S	FR	TOTAL
25'-8" MOTOR SURF BOAT	1	S	133 1/2	1
15 MAN INFLATABLE COÉ LIFEBOATS	2	P/S	152	4
15 MAN INFLATABLE COÉ LIFEBOATS	3	P/S	186	6
25 MAN INFLATABLE COÉ LIFEBOATS	1	P/S	235 1/2	2
20' RIGID HULL INFLATABLE BOAT	1	P	133 1/2	1

GEN DIMENSIONS & DATA

NO SCALE

PLATE 2 OF 14

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
ALL	–	INITIAL ISSUE	4-29-88	
SH 1	A	1. REMOVED RESERVATIONS 1 THROUGH 5 AND ADDED RESERVATIONS 7 AND 8.	5-16-88	
SH 1 SH 4		2. ADDED 04 AND 05 LEVEL TO PLATE 5 AND REVISED INDEX TO SUIT.		
SH 5 SH 6		3. ADDED PLATES 10 THROUGH 14.		
SH 3 SH 4		4. ADDED STOREROOM AND STOWAGE ARRANGEMENTS TO MAIN DECK & ABOVE.		
ALL		5. INCORPORATED THE FOLLOWING MODS: CC05 MOD-0059 CC08 MOD-0063 MOD-0007 MOD-0064 MOD-0027 MOD-0074 MOD-0035 MOD-0078 MOD-0044 MOD-0079 MOD-0048		
SH 6	B	1. ADDED MIDSHIP & TYPE SECTIONS TO PLATE 14, LIFTED RESERVATION 6.		
SH 5		2. ADDED ARRGT OF ORDNANCE STORES 2-56-2-A, LIFTED RESERVATION 7.		
SH 5		3. ADDED NEW ARRGTS FOR ENGINEERS STOREROOM No2 3-304-01-A, FREEZE STORES 3-293-1-A, CHILLER 3-280-1-A, AUX MACH RM No3 3-272-0-E, SEWAGE TREATMENT RM No2 3-280-4-Q, AND DAMAGE CONTROL STOREROOM 3-336-0-A, LIFTED RESERVATION 8.		
SH 4		4. ADDED ARRGT OF COMMISSARY OFFICE & ISSUE RM 1-288-2-Q & ENGRG OFFICERS OFCE & DMG CONTROL CENTRAL 1-192-1-Q.		
SH 4		5. DELETED 40-B RADAR COOLING UNIT ON 02 LEVEL.		
SH 5		6. ADDED VOIDS DIESEL OIL TANKS FR 96-144 FOR SOLID BALLAST INSTL.		
ALL		7. INCORPORATED THE FOLLOWING MODS: MOD-0073 MOD-0096 MOD-0098 MOD-0099	7-29-88	
SH 6	C	HOLD FLAT: 1. CHANGED PUMP RM NO. 2, 5-192-0-E TO 5-192-0-Q, AND CHANGED "SEWAGE PUMPS" TO "SEWAGE EJECTOR PUMPS".		
SH 4		02 LEVEL: 2. CHANGED "LIFEBOAT" TO "MOTOR SURF BOAT". 3. DELETED ABANDON SHIP LKR (PORT SIDE ONLY).		
SH 2		OUTBOARD PROFILE: 3. ADDED THE TORPEDO TRANSFER BOOM, THE SRBOC LAUNCHER AND LOCKER. THE RAS FITTING, WT DOOR 04-116-1, THE 54 X 78 ACCESS TO TORPEDO STORES AND THE LIMITING DRAFT MARK.		
		4. INCORPORATED THE FOLLOWAING MODS: MOD-0110 MOD-0117	10-26-88	

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
SH 2	D	01 LEVEL: 1. IDENTIFIED AFFF CAN STOWAGE IN COMPARTMENT 01-196-0-Q.		
SH 3		INBOARD PROFILE: 2. RE-LABELED FAN ROOM FROM 3-32-1-Q TO 2-32-1-Q, RE-LABELED PASSAGE 3-32-0-L TO 2-32-0-L, AND RELOCATED THE DIESEL OVER-FLOW TANK 4-264-0-F TO ITS PROPER LOCATION.		
SH 4		02 LEVEL: 3. ADDED THE LIFEJACKET LOCKER ON THE DOGHOUSE.		
SH 4		03 LEVEL: 4. ADDED LIFEJACKET LOCKER .		
SH 5		3RD DECK: 5. NUMBERED THE MAIN PROPULSION DIESEL ENGINES, IDENTIFIED THE CLASSIFIED STOWAGE ROOM 3-120-2-Q AND IDENTIFIED THE HALON BANK IN 3-256-0-A, DESIGNATED AND ADDED THE ENGINEERING ASSIST TEAM LOCKER.		
SH 6		HOLD-FLAT: 6. PLATE 12, ADDED COMPARTMENT PUMP ROOM NO. 1, 5-96-0-Q PREVIOUSLY OMMITTED.	12-29-88	
SH 2	E	OUTBOARD PROFILE: 1. CHANGED THE BOOT TOPPING - STERN FROM 14' TO 16' PER CG COMMENT LETTER DATED MARCH 7, 1989.		
		01 LEVEL: 2. CHANGED EO WR WC AN SH 01-87-2-L TO WR WC AND SH 01-87-2-L. 3. CHANGED XO WR WC AND SH 01-87-1-L TO WR WC AND SH 01-87-1-L. 4. CHANGED DK GEAR LKRS 01-108-1-A AND 01-108-2-A TO BOAT GEAR LKRS.		
SH 3		INBOARD PROFILE: 4. ADDED THE MK75 HANDLING ROOM 1-32-0-M NEXT TO THE RELOCATED MK75 READY SERVICE MAG 1-48-0-M. 5. CHANGED CHAIN LKR 4-16-0-A TO CHAIN LKR 4-16-0-Q. MAIN DECK: 6. CHANGED OFFICER SR 1-85-2-L TO OFFICER SR 1-89-2-L.		
SH 4		03 LEVEL: 7. CHANGED FAN ROOM 02-203-1-Q TO FAN ROOM 02-208-1-Q.		
SH 5		2ND DECK: 8. CHANGED CREW BERTHING 2-168-1-L TO CREW BERTHING 2-168-01-L. 3RD DECK: 9. CHANGED MACHINE SHOP 3-168-2-Q TO MACHINE SHOP 3-168-0-Q.		
ALL		10. ADDED APPLICABILITY TO ALL HULLS.	6-25-89	
SH 1	F	1. CHANGED THE FOLLOWING DATA ON LOCATION OF SELECTED LIGHTS, ANTENNAS PLATFORMS. REPLENISHMENT AT SEA LIGHT FROM 98'-8" TO 92'-8". STERN LIGHT FROM 16'-8 1/4" TO 16'-2".		
SH 2		2. ON THE OUTBOARD PROFILE, CHANGED THE FOLLOWING: SIDE LIGHTS P/S CHANGED FROM 43'-6 5/6" TO 39'-2" ABV DWL INFRARED BEACON LIGHTS P/S CHANGED FROM 68'-2" TO 86'-4" ABV DWL BLINKER LIGHTS P/S CHANGED FROM 67'-2" TO 85'-4" ABV DWL LOWER NOT UNDER COMMAND LIGHT CHANGED FROM 92'-9" TO 92'-8" ABV DWL REPLENISHMENT AT SEA LIGHT (P) CHANGED FROM 98'-9" TO 92'-8" ABV DWL REV F CONTINUED TO ZONE H-4		

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
	F	REV F CONTINUED FROM ZONE B-3 UPPER NOT UNDER COMMAND LIGHT (P) CHANGED FROM 104'-9" TO 104'-8" ABV DWL SPEED AIRCRAFT WARNING LIGHT (P/S) CHANGED FROM 109'-9 7/8" TO 109'-10" ABV DWL ADDED THE FOLLOWING DATA: HELICOPTER HOMING BEACON (P) 103'-0" ABOVE DWL. STERN TOWING LIGHT 20'-0" ABOVE DWL. MK 92 CAS ANTENNA 82'-11 1/4" SURFACE SEARCH RADAR ANTENNA 82'-11 1/4" ABOVE DWL. FOREMOST TOP UPPER PLATFORM 84'-6" FORE TOPMOST TOP 98'-0"		
SH 3		3. ON MAIN DECK CHANGED FOUL WEA LKR TO FOUL WEA GR LKR TO CORRECT. SHEET 4		
		4. ON 02 LVL DECK CHANGED ECM ROOM 02-207-0-C TO ECM EQPT RM TO CORRECT. SHEET 5		
		5. ON INNER BOTTOM CHANGED FUEL OVFL TO D O OVFL, AND FUEL WASTE 5-136-2-F CHANGED TO OILY WATER HLDG TK TO CORRECT. ITEMS 1 AND 2 CHANGED PER COAST GUARD COMMENT LETTER DATED 25 MAY 1989.	8-18-89	
SH 3 PLATE 9/14	G	SHEETS 3 PLATE 9 - MAIN DECK (NOTE REVISION G ON SHEET 3 WAS DONE ELECTRONICALLY FILE NAME MNDK.DWG) 1. CHANGED SHIP SERVICE STORE'S (1-212-1-Q) FWD BHD, DOOR MOVED TO CENTERLINE BHD, CHANGED INTERIOR ARRANGEMENT. 2. ENLARGED MOVIE LOCKER (1-227-2-A) AREA BY MOVING FWD BHD RELOCATING DOOR AND RENAMED IT TO STORAGE. FOUL WEA GR LKR (1-219-2-A) BECAME SMALLER. 3. CHANGED COMMISSARY OFFICE &ISSUE RM (1-298-2-Q) TO WASTE HANDLING RM (1-288-2-E). REMOVED INTERIOR ITEMS FROM COMMISSARY OFFICE AND INSTALLED INCINERATOR, EXHAUST FAN AND TRASH STORAGE BIN. 4. MOVED OUTBOARD PORTION OF AFT BHD 304 TO FR 310, EXTENDED OUTBOARD HSE BHD TO MAKE NEW WASTE HANDLING RM WATERTIGHT. RELOCATED JP-5 HOSE REEL.	12-1-97	R. Young 1/19/2005
	H	THIS REVISION INCORPORATES THE INSTALLATION OF THE IRIDIUM SECURE SATELLITE SYSTEM.	01-8-13	MGT /s/ C3CEN
SH 1		1. REVISED INDEX.		
SH 2, 3, 4		2. ADDED IRIDIUM FIXED MAST ANTENNA, AT1621-142W. SEM - ATG		
SH 1	J	1. TITLE BLOCK, HULL APPLICABILITY BLOCK, SHEET REVISION STATUS AND TITLE INDEX TABLE, AND REFERENCE PLANS TABLE HAVE BEEN REFORMATTED AND THE STINFO DESIGNATION AND SPECIAL NOTATIONS BLOCKS HAVE BEEN ADDED TO REFLECT MODERN USCG DRAWING FORMAT.	9/19/13	JPW /s/
SH 1		2. REVISION TABLES HAVE BEEN RESIZED.		
SH 1		3. UPDATED DAVITS AND BOOMS TABLE.		
SH 2		4. REMOVED TORPEDO HANDLING GEAR.		
SH 2		5. REMOVED 20MM MACHINE GUN AND TUB.		
SH 2		6. REMOVED AND PLATED OVER SONAR DOME.		
SH 2		7. INSERTED CIWS TO FAN TAIL.		
SH 2, 4		8. REVISED LIFE BOAT AND WELIN-LAMBIE DUAL POINT DAVIT ON THE STARBOARD SIDE.		
SH 2		9. DEPICTED 25MM CHAIN GUN.		
SH 2		10. UPDATED ANTENNA ARRANGEMENT ON 03 LEVEL BETWEEN FRAMES 136-176.		
SH 2, 4		11. UPDATED ARRANGEMENT BETWEEN FRAMES 176-195 ON 01 LEVEL.		
SH 2		12. INSERTED MODERN USCG TITLE BLOCK.		
SH 5		13. SHEET 5 HAS BEEN REDRAWN WITH A MODERN USCG TITLE BLOCK TO INCREASE DRAWING LEGIBILITY. COMPARTMENT NAMES WERE UPDATED TO MATCH CURRENT DAMAGE CONTROL DIAGRAMS. - SEW/JGN /s/ 9/19/13		

SHEET REVISION STATUS AND TITLE INDEX

SH	REV	TITLE
6	F	PLATE 14 - MIDSHIP & TYPE SECTIONS PLATE 12 - HOLD FLAT
5	J	PLATE 10 - 2ND DECK, PLATE 11 - 3RD DECK PLATE 13 - INNERBOTTOM
4	F	PLATE 5 - 04 LVL, 05 LVL, TOP OF STACK & ELEVATED PLATF. PLATE 6 - 03 LVL, PLATE 7 - 02 LVL
3	G	PLATE 4 - INBOARD PROFILE PLATE 9 - MAIN DECK
2	J	PLATE 3 - OUTBOARD PROFILE, PLATE 8 - 01 LVL
1	J	PLATE 1 - ORDER OF PLANS PLATE 2 - GENERAL DIMENSION & DATA

APPLICABILITY

PLAN SET	HULLS
378-FRAM-W	717, 719, 720, 722, 723, 724, 725, 726

REFERENCE PLANS

NO.	TITLE	DRAWING NO.
	NONE	

SPECIAL NOTATIONS

STINFO DESIGNATION

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TODD PACIFIC
SHIPYARDS CORP
SEATTLE DIVISION

PROJECT NO.: DTCG23-85-C-32076

DESIGNED: PL/CAD 4/28/88
DRAWN:
CHECKED:
APPROVED:
U.S.C.G. APPROVAL
APPVL AUTH

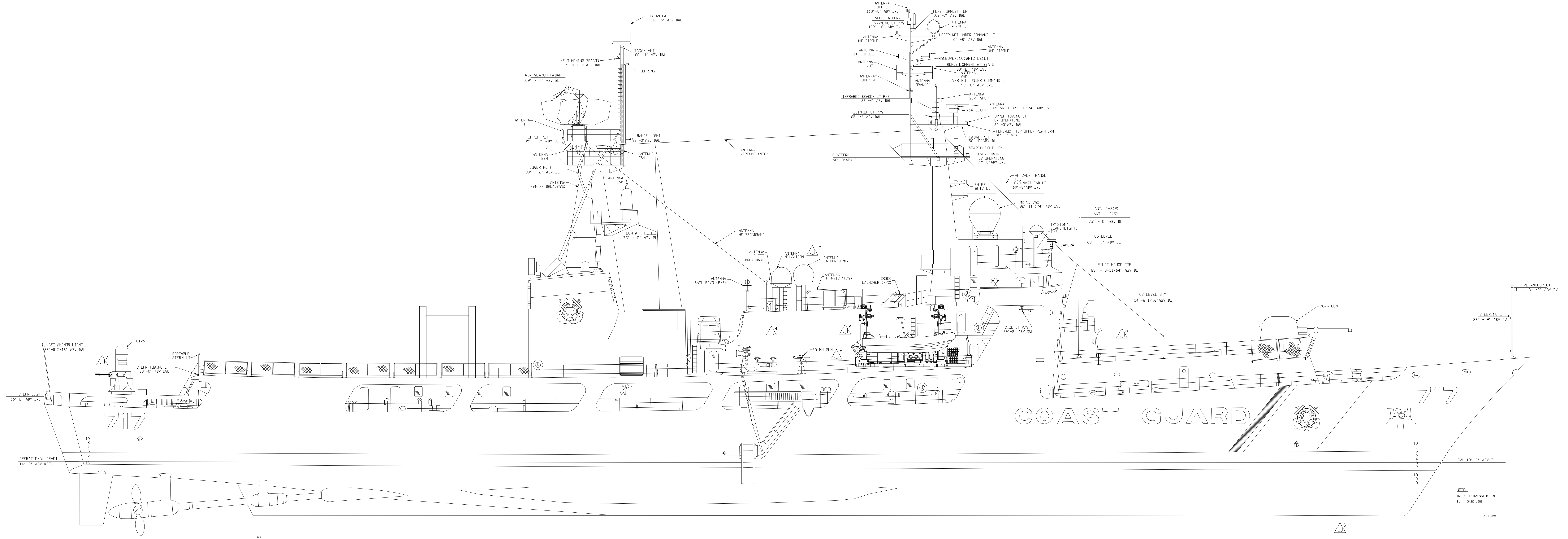
UNITED STATES COAST GUARD WASHINGTON, D.C. 20593
OFFICE OF NAVAL ENGINEERING

378 FRAM-W

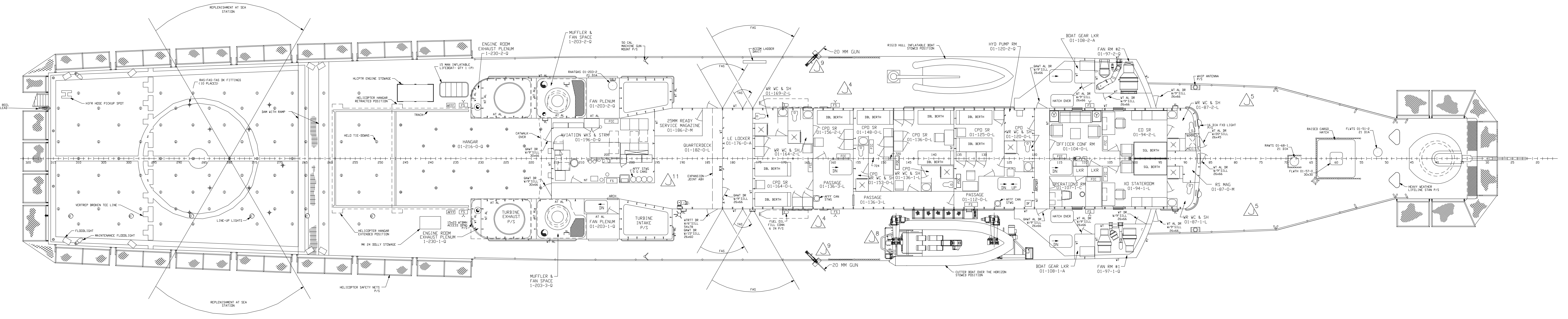
BOOKLET OF
GENERAL PLANS

SIZE	FSCM CAGE NO.	U.S.C.G. DRAWING NO.	REV
H	81340	378-FRAM-W-801-001	J

SCALE: AS NOTED | 19.58 SQ FT | SHEET 1 OF 6


ANTENNA UHF, DF 113'-0" ABV DWL
SPEED AIRCRAFT WARNING LT P/S 109'-10" ABV DWL
FORE TOPMOST TOP 109'-7" ABV DWL
ANTENNA MF/HF DF
ANTENNA UHF DIPOLE
UPPER NOT UNDER COMMAND LT 104'-8" ABV DWL
ANTENNA UHF DIPOLE
ANTENNA UHF DIPOLE
MANEUVERING(WHISTLE)LT
ANTENNA VHF
REPLENISHMENT AT SEA LT 99'-2" ABV DWL
ANTENNA VHF
ANTENNA UHF/FM
ANTENNA LORAN"C"
LOWER NOT UNDER COMMAND LT 92'-8" ABV DWL
INFRARED BEACON LT P/S 86'-4" ABV DWL
ANTENNA SURF SRCH
ANTENNA SURF SRCH 89'-9 1/4" ABV DWL
ASW LIGHT
BLINKER LT P/S 85'-4" ABV DWL
UPPER TOWING LT UW OPERATING 85'-0" ABV DWL
FOREMOST TOP UPPER PLATFORM 98'-0" ABV BL
RADAR PLTF 98'-0" ABV BL
SEARCHLIGHT 19"
PLATFORM 90'-0" ABV BL
LOWER TOWING LT UW OPERATING 77'-0" ABV DWL
HF SHORT RANGE P/S
FWD MASTHEAD LT 69'-3" ABV DWL
SHIPS WHISTLE
MK 92 CAS 82'-11 1/4" ABV DWL
ANT. 1-3(P)
ANT. 1-2(S)
75' - 0" ABV BL
12" SIGNAL SEARCHLIGHTS P/S
CAMERA
05 LEVEL 69' - 7" ABV BL
PILOT HOUSE TOP 63' - 0-51/64" ABV BL
03 LEVEL @ ? 54'-8 1/16" ABV BL
SIDE LT P/S 39'-2" ABV DWL
76mm GUN
FWD ANCHOR LT 44' - 3-1/2" ABV DWL
STEERING LT 36' - 9" ABV DWL
DWL 13'-6" ABV BL
NOTE:
DWL = DESIGN WATER LINE
BL = BASE LINE
BASE LINE
TACAN LA 112'-5" ABV DWL
TACAN ANT 106'-4" ABV DWL
HELO HOMING BEACON (P) 103'-0 ABV DWL
FOOTRING
AIR SEARCH RADAR 109' - 7" ABV BL
ANTENNA IFF
UPPER PLTF 95' - 2" ABV BL
RANGE LIGHT 82'-0" ABV DWL
ANTENNA ESM
ANTENNA ESM
ANTENNA WIRE(MF XMTG)
LOWER PLTF 89' - 2" ABV BL
ANTENNA FAN, HF BROADBAND
ANTENNA ESM
ECM ANT PLTF 75' - 0" ABV BL
ANTENNA HF BROADBAND
ANTENNA FLEET BROADBAND
ANTENNA MILSATCOM
ANTENNA SATURN B MK2
ANTENNA SATL RCVG (P/S)
ANTENNA HF NVIS (P/S)
SRBOC LAUNCHER (P/S)
20 MM GUN
AFT ANCHOR LIGHT 28'-8 5/16" ABV DWL
CIWS
PORTABLE STERN LT
STERN TOWING LT 20'-0" ABV DWL
STERN LIGHT 16'-2" ABV DWL
OPERATIONAL DRAFT 14'-0" ABV KEEL
717
COAST GUARD
717
300

OUTBOARD PROFILE
1/8"=1'-0"
PLATE 3 OF 14


REPLENISHMENT AT SEA STATION
HOSE REEL FAIRLEAD
HIFR HOSE PICKUP SPOT
RAS-FAS-TAS DK FITTINGS (10 PLACES)
DAM WITH RAMP
VERTREP BROKEN TEE LINE
LINE-UP LIGHTS
FLOODLIGHT
MAINTENANCE FLOODLIGHT
REPLENISHMENT AT SEA STATION
HLCPTR ENGINE STOWAGE
HELICOPTER HANGAR RETRACTED POSITION
15 MAN INFLATABLE LIFEBOAT- QTY 1 (P)
TRACK
HELO TIE-DOWNS
HANGAR 01-216-0-Q
HELICOPTER HANGAR EXTENDED POSITION
MK 24 DOLLY STOWAGE
HELICOPTER SAFETY NETS P/S
ENGINE ROOM EXHAUST PLENUM 1-230-2-Q
ENGINE ROOM EXHAUST PLENUM 1-230-1-Q
15x23 WTBMH ACCESS OPNG P/S
TURBINE EXHAUST P/S
MUFFLER & FAN SPACE 1-203-2-Q
MUFFLER & FAN SPACE 1-203-3-Q
RAATQAS 01-203-2 21 DIA
FAN PLENUM 01-203-2-Q
FAN PLENUM 01-203-1-Q
CATWALK OVER
QAWT DR W/9" SILL 30x66
AVIATION WKS & STRM 01-196-0-Q
AFFF STWG 5 G CANS
TURBINE INTAKE P/S
50 CAL MACHINE GUN MOUNT P/S
25MM READY SERVICE MAGAZINE 01-186-2-M
QUARTERDECK 01-182-0-L
EXPANSION JOINT ABV
WTRTT DR W/6" SILL 54x78
QAWT DR W/15" SILL 26x60
FAS
TAS
ACCOM LADDER DAVIT
LE LOCKER 01-176-0-A
QAWT DR W/9" SILL 26x66
20 MM GUN
WR WC & SH 01-169-2-L
WR WC & SH 01-164-2-L
CPO SR 01-164-0-L
DBL BERTH
FUEL OIL FILL CONN 6 IN P/S
CPO SR 01-156-2-L
PASSAGE 01-136-3-L
AFFF CAN STWG
CPO SR 01-148-0-L
CPO WR WC & SH 01-153-0-L
CPO SR 01-136-0-L
CPO WR WC & SH 01-136-1-L
CPO SR 01-125-0-L
PASSAGE 01-112-0-L
CPO WR WC & SH 01-120-0-L
RIGID HULL INFLATABLE BOAT STOWED POSITION
CUTTER BOAT OVER THE HORIZON STOWED POSITION
HYD PUMP RM 01-120-2-Q
QAWT AL DR W/9" SILL 26x66
HATCH OVER
BOAT GEAR LKR 01-108-2-A
BOAT GEAR LKR 01-108-1-A
FAN RM #2 01-97-2-Q
FAN RM #1 01-97-1-Q
WT AL DR W/9" SILL 26x66
WT DR W/9" SILL 26x66
OFFICER CONF RM 01-104-0-L
OPERATIONS RM 01-107-1-C
LKR
EO SR 01-94-2-L
SGL BERTH
XO STATEROOM 01-94-1-L
AMMO HOIST
WR WC & SH 01-87-2-L
WR WC & SH 01-87-1-L
16 DIA FXD LIGHT P/S
WT AL DR W/20" SILL 26x45
RS MAG 01-87-0-M
WHIP ANTENNA P/S
RAWTS 01-68-1 21 DIA
RAISED CARGO HATCH
FLWTH 01-57-0 30x30
FLWTS 01-51-2 21 DIA
HEAVY WEATHER LIFELINE STAN P/S

01 LEVEL
1/8"=1'-0"
PLATE 8 OF 14

UNITED STATES COAST GUARD WASHINGTON, D.C. 20593
OFFICE OF NAVAL ENGINEERING

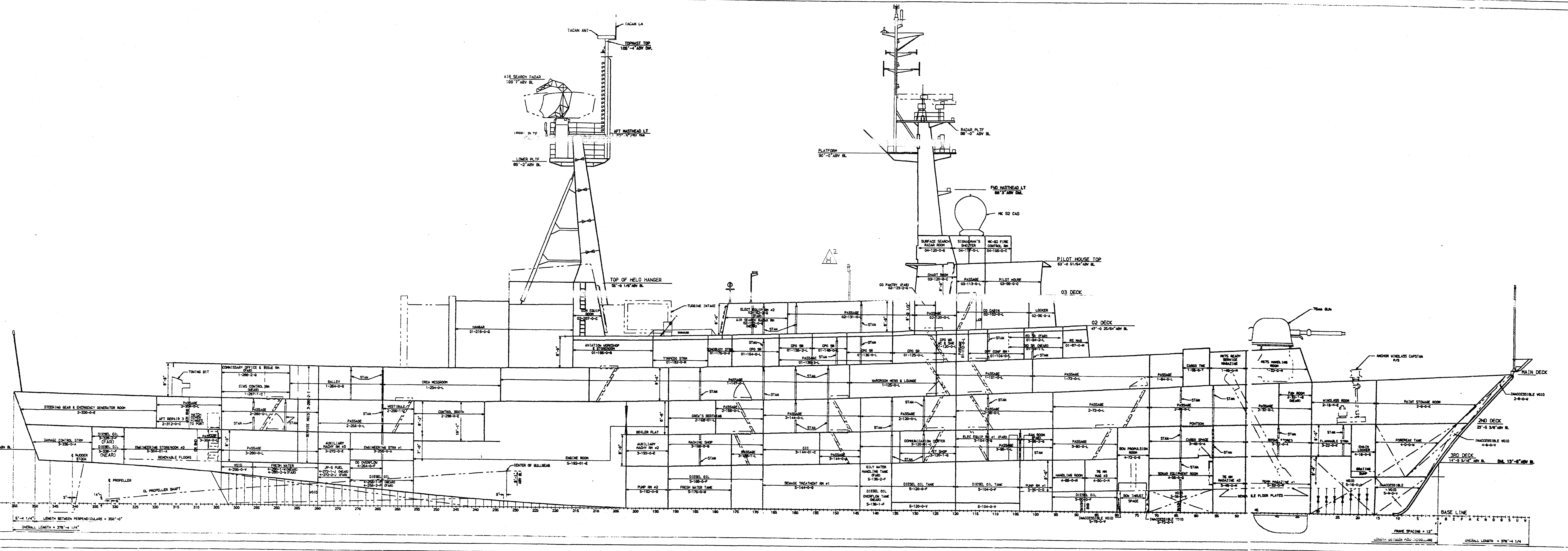
378 FRAM-W

BOOKLET OF
GENERAL PLANS

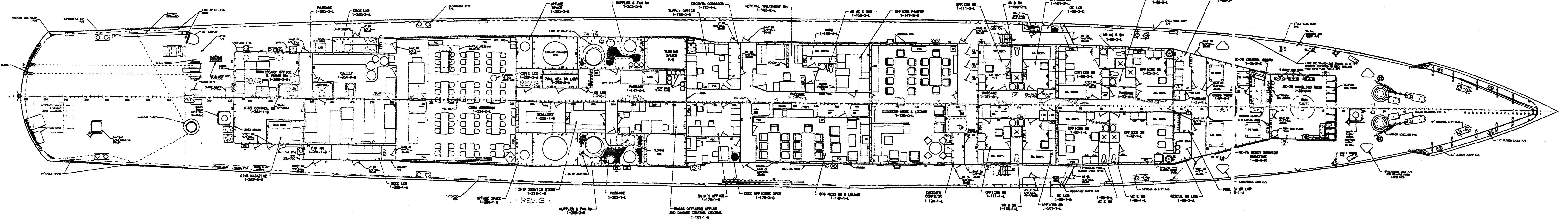
SIZE	FSCM CAGE NO.	U.S.C.G. DRAWING NO.	REV
H	81340	378-FRAM-W-801-001	J
SCALE: AS NOTED	19.58 SQ FT	SHEET 2	

ZONE	REV	DESCRIPTION	DATE	APPROVED

ZONE	REV	DESCRIPTION	DATE	APPROVED


TOP OF HELO HANGER
PILOT HOUSE TOP
03 DECK
02 DECK
MAIN DECK
2ND DECK
3RD DECK
BASE LINE
OILY WATER HANDLING TANK (FAR) 5-136-2-F
DIESEL OIL OVERFLOW TANK (NEAR) 5-136-1-F
DIESEL OIL TANK 5-120-0-F
5-120-0-V
DIESEL OIL TANK 5-104-0-F
5-104-0-V
PUMP RM #1 5-96-0-Q
HANDLING ROOM 4-88-0-M
DIESEL OIL 5-80-0-F
STAN
3-120-1-Q
3-96-1-L
145
140
135
130
125
120
115
110
105
100
95
90

INBOARD PROFILE
1/8"=1'-0"
PLATE 4 OF 14


WR WC & SHR 1-155-2-L
OFFICER PANTRY 1-147-2-Q
OFFICER SR 1-111-2-L
WC & SH 1-109-2-L
OFFICER SR 1-101-2-L
WARD 1-155-4-L
MESS RM & LOUNGE 1-147-1-L
DECON CORRIDOR 1-124-1-L
OFFICER SR 1-111-1-L
WC & SH 1-109-1-L
OFFICER SR 1-101-1-L
DK LKR 1-89-1-Q
SGL BERTH
TV
REV. G

MAIN DECK
1/8"=1'-0"
PLATE 9 OF 14

-IF THIS STAMP IS NOT PRINTED
IN RED, THIS DRAWING IS NOT
AN ORIGINAL. REVISIONS CAN
ONLY BE MADE TO AN ORIGINAL

FSCM NO	DWG NO	SH	REV
05744	378 FRAM-W801-001	3	~~F~~ H

DRAWN BY	DATE	APPLICABILITY - HULL(S)	717	720	724	719	723	722	725	726
PL/DA	5-13-88									

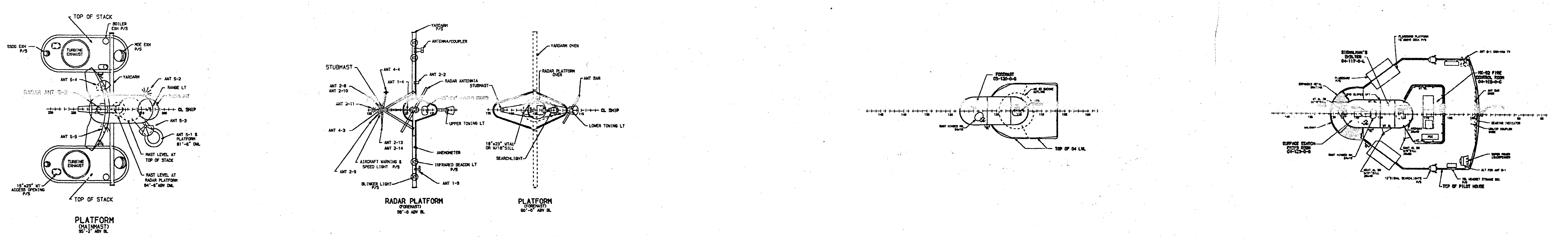
	SIZE	FSCM NO	COAST GUARD DWG NO	REV
TODD APPVL	H	05744	378 FRAM-W-801-001	H
USCG APPVL	SCALE 1/8"=1'-0		SHEET NO 3	

REVISIONS

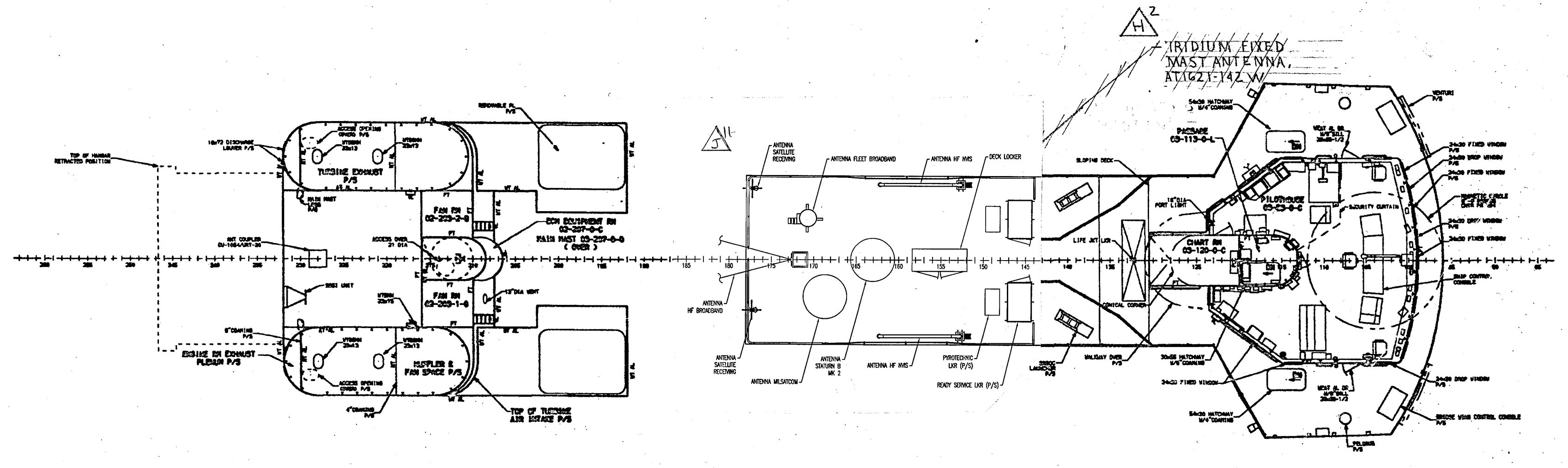
ZONE	REV	DESCRIPTION	DATE	APPROVED

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

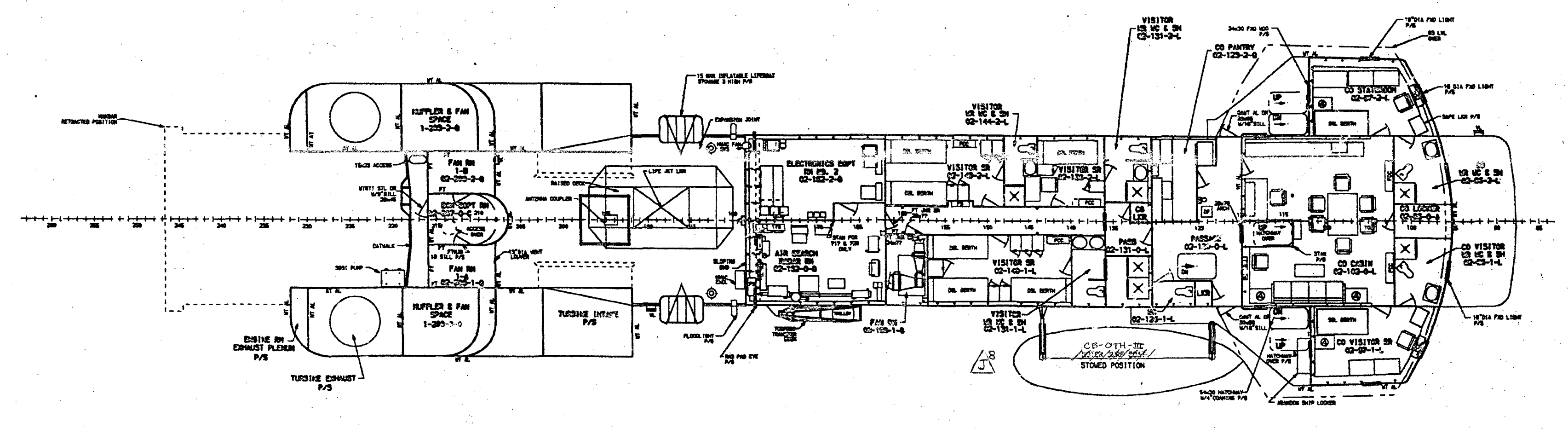

TOP OF STACK
BOILER EXH P/S
SSDG EXH P/S
TURBINE EXHAUST
MDE EXH P/S
YARDARM
ANT S-4
ANT S-2
RANGE LT
RADAR ANT S-2
CL SHIP
ANT S-3
ANT S-5
ANT S-1 & PLATFORM 81'-6" DWL
MAST LEVEL AT TOP OF STACK
MAST LEVEL AT RADAR PLATFORM 84'-6" ABV DWL
15"x23" WT ACCESS OPENING P/S
PLATFORM (MAINMAST) 95'-2" ABV BL
YARDARM P/S
ANTENNA/COUPLER
STUBMAST
ANT 4-4
ANT 1-4
ANT 2-2
RADAR ANTENNA
ANT 2-6
ANT 2-10
ANT 2-11
UPPER TOWING LT
ANT 4-3
ANT 2-13
ANT 2-14
ANEMOMETER
AIRCRAFT WARNING & SPEED LIGHT P/S
INFRARED BEACON LT P/S
ANT 2-9
BLINKER LIGHT P/S
ANT 1-9
RADAR PLATFORM (FOREMAST) 98'-0 ABV BL
YARDARM OVER
RADAR PLATFORM OVER
ANT BAR
LOWER TOWING LT
18"x23" WTAL DR W/18" SILL
SEARCHLIGHT
PLATFORM (FOREMAST) 90'-0" ABV BL
FOREMAST 05-120-0-Q
MK 92 RADOME OUTLINE
TOP OF 04 LVL
SIGNALMAN'S SHELTER 04-117-0-L
FLAGBOARD PLATFORM 18" ABOVE DECK P/S
ANT 0-1
MK-92 FIRE CONTROL ROOM 04-105-0-C
EXPANDED METAL GRATING
FLAGBOARD P/S
ANT BAR OVER
BEARING INDICATOR
SURFACE SEARCH RADAR ROOM 04-123-0-Q
12" SIGNAL SEARCHLIGHTS P/S
TOP OF PILOT HOUSE

TOP OF STACK
& ELEVATED PLATFORMS
SCALE 1/8"=1'-0"
PLATE 5 OF 14


H 2
IRIDIUM FIXED MAST ANTENNA, AT1621-142 W
J 11
TOP OF HANGAR RETRACTED POSITION
TURBINE EXHAUST P/S
ACCESS OPENING COVERS P/S
REMOVABLE PL P/S
FAN RM 03-223-2-Q
ECM EQUIPMENT RM 03-227-0-C
MAIN MAST 03-227-0-Q (OVER)
ANT COUPLER CU-1664/URT-30
MUFFLER & FAN SPACE P/S
FAN RM 03-223-1-Q
ENGINE RM EXHAUST PLENUM P/S
TOP OF TURBINE AIR INTAKE P/S
ANTENNA SATELLITE RECEIVING
ANTENNA FLEET BROADBAND
ANTENNA HF NVIS
DECK LOCKER
ANTENNA HF BROADBAND
ANTENNA MILSATCOM
ANTENNA STATURN B MK 2
PYROTECHNIC LKR (P/S)
READY SERVICE LKR (P/S)
SLOPING DECK
LIFE JKT LKR
CONICAL CORNER
PASSAGE 03-113-0-L
PILOTHOUSE 03-93-0-C
CHART RM 03-120-0-C
SECURITY CURTAIN
SHIP CONTROL CONSOLE
BRIDGE WING CONTROL CONSOLE
VENTURI P/S
PELORUS P/S

03 LEVEL
SCALE 1/8"=1'-0"
PLATE 6 OF 14

J 14


HANGAR RETRACTED POSITION
MUFFLER & FAN SPACE 1-233-2-Q
FAN RM 1-B 02-223-2-Q
ECM EQPT RM 02-227-0-C
FAN RM 1-A 02-223-1-Q
MUFFLER & FAN SPACE 1-233-1-Q
CATWALK
ENGINE RM EXHAUST PLENUM P/S
TURBINE EXHAUST P/S
TURBINE INTAKE P/S
15 MAN INFLATABLE LIFEBOAT STOWAGE 3 HIGH P/S
EXPANSION JOINT
LIFE JKT LKR
RAISED DECK
ANTENNA COUPLER
ELECTRONICS EQPT RM NO. 2 02-152-2-Q
AIR SEARCH RADAR RM 02-152-0-Q
FAN RM 02-153-1-Q
FLOODLIGHT P/S
VISITOR SR 02-140-2-L
VISITOR SR 02-140-1-L
VISITOR WR WC & SH 02-144-2-L
VISITOR WR WC & SH 02-131-2-L
VISITOR WR WC & SH 02-131-1-L
CO PANTRY 02-123-2-Q
PASS 02-131-0-L
PASSAGE 02-120-0-L
CO STATEROOM 02-87-2-L
CO CABIN 02-103-0-L
CO LOCKER 02-93-0-A
CO VISITOR WR WC & SH 02-93-1-L
CO VISITOR SR 02-97-1-L
CB-OTH-III STOWED POSITION
J 8
ABANDON SHIP LOCKER

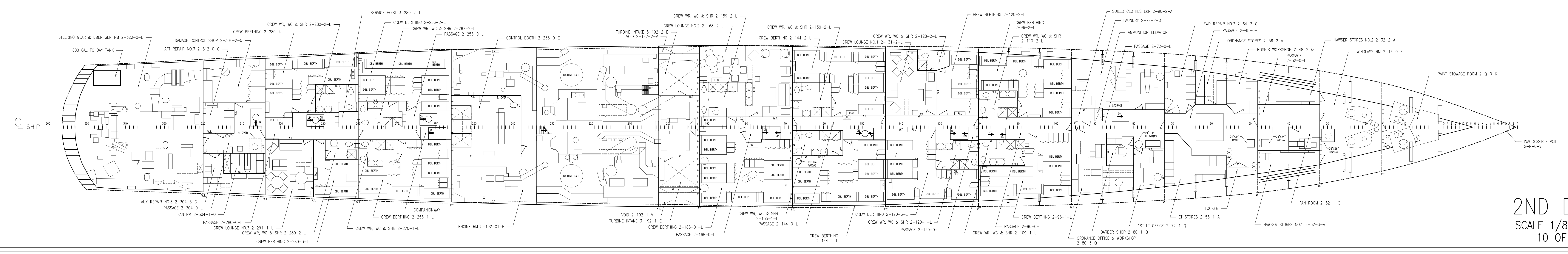
02 LEVEL
SCALE 1/8"=1'-0"
PLATE 7 OF 14

J 13

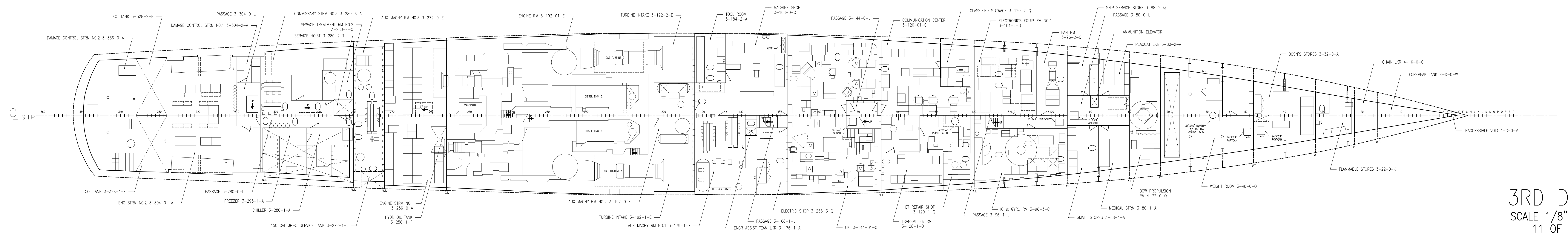
-IF THIS STAMP IS NOT PRINTED IN RED, THIS DRAWING IS NOT AN ORIGINAL. REVISIONS CAN ONLY BE MADE TO AN ORIGINAL

DRAWN BY	DATE	APPLICABILITY - HULL(S)	717	720	724	719	723	722	725	726
PL/DA	5-13-88	SIZE: H	FSCM NO: 05744	COAST GUARD DWG NO: 378 FRAM-W-801-001					REV: F	REV J
TODD APPVL		SCALE: 1/8"=1'-0		SHEET NO: 4						
USCG APPVL										

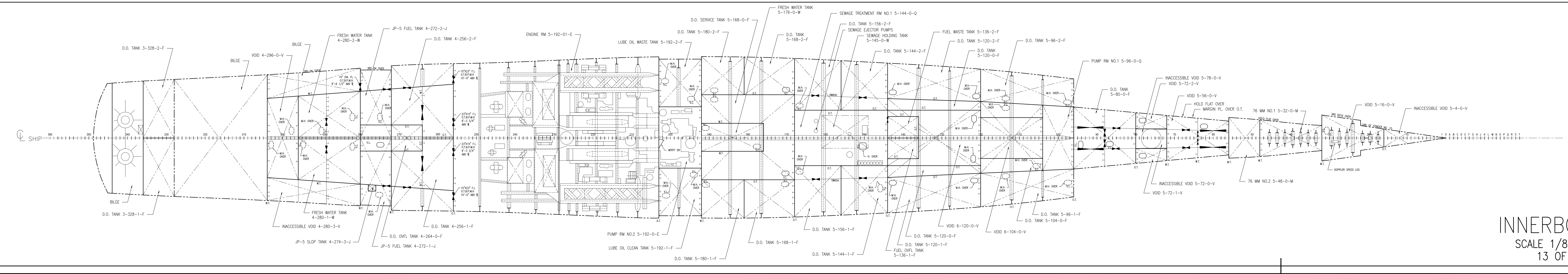
FSCM NO	DWG NO	SH	REV
05744	378 FRAM-W-801-001	4	F


STEERING GEAR & EMER GEN RM 2-320-0-E
600 GAL FO DAY TANK
AFT REPAIR NO.3 2-312-0-C
DAMAGE CONTROL SHOP 2-304-2-Q
CREW BERTHING 2-280-4-L
CREW WR, WC & SHR 2-280-2-L
SERVICE HOIST 3-280-2-T
CREW BERTHING 2-256-2-L
CREW WR, WC & SHR 2-267-2-L
PASSAGE 2-256-0-L
CONTROL BOOTH 2-238-0-E
TURBINE INTAKE 3-192-2-E
VOID 2-192-2-V
CREW LOUNGE NO.2 2-168-2-L
CREW WR, WC & SHR 2-159-2-L
CREW BERTHING 2-144-2-L
CREW WR, WC & SHR 2-159-2-L
CREW LOUNGE NO.1 2-131-2-L
CREW WR, WC & SHR 2-128-2-L
BREW BERTHING 2-120-2-L
CREW BERTHING 2-96-2-L
CREW WR, WC & SHR 2-110-2-L
SOILED CLOTHES LKR 2-90-2-A
LAUNDRY 2-72-2-Q
AMMUNITION ELEVATOR
PASSAGE 2-72-0-L
FWD REPAIR NO.2 2-64-2-C
PASSAGE 2-48-0-L
ORDNANCE STORES 2-56-2-A
BOSN'S WORKSHOP 2-48-2-Q
PASSAGE 2-32-0-L
HAWSER STORES NO.2 2-32-2-A
WINDLASS RM 2-16-0-E
PAINT STOWAGE ROOM 2-Q-0-K
INACCESSIBLE VOID 2-R-0-V
℄ SHIP
DBL BERTH
TURBINE EXH
FCU
W.T.
UP
DN
H. OVER
S. OVER
C.G. LKR
STORAGE
18" DIA FWTQAS
21" DIA FL WTQAS
24"X24" RANTH
24"X24" RAWTQAH
36"X36" RAWTQAH
AUX REPAIR NO.3 2-304-3-C
PASSAGE 2-304-0-L
FAN RM 2-304-1-Q
PASSAGE 2-280-0-L
CREW LOUNGE NO.3 2-291-1-L
CREW WR, WC & SHR 2-280-2-L
CREW BERTHING 2-280-3-L
CREW WR, WC & SHR 2-270-1-L
CREW BERTHING 2-256-1-L
COMPANIONWAY
ENGINE RM 5-192-01-E
VOID 2-192-1-V
TURBINE INTAKE 3-192-1-E
CREW BERTHING 2-168-01-L
PASSAGE 2-168-0-L
CREW WR, WC & SHR 2-155-1-L
PASSAGE 2-144-0-L
CREW BERTHING 2-144-1-L
CREW BERTHING 2-120-3-L
CREW WR, WC & SHR 2-120-1-L
PASSAGE 2-120-0-L
CREW WR, WC & SHR 2-109-1-L
PASSAGE 2-96-0-L
CREW BERTHING 2-96-1-L
ORDNANCE OFFICE & WORKSHOP 2-80-3-Q
BARBER SHOP 2-80-1-Q
1ST LT OFFICE 2-72-1-Q
ET STORES 2-56-1-A
LOCKER
HAWSER STORES NO.1 2-32-3-A
FAN ROOM 2-32-1-Q

2ND DECK
SCALE 1/8"=1'-0"
10 OF 14


DAMAGE CONTROL STRM NO.2 3-336-0-A
D.O. TANK 3-328-2-F
DAMAGE CONTROL STRM NO.1 3-304-2-A
PASSAGE 3-304-0-L
COMMISSARY STRM NO.3 3-280-6-A
SEWAGE TREATMENT RM NO.2 3-280-4-Q
SERVICE HOIST 3-280-2-T
AUX MACHY RM NO.3 3-272-0-E
ENGINE RM 5-192-01-E
TURBINE INTAKE 3-192-2-E
TOOL ROOM 3-184-2-A
MACHINE SHOP 3-168-0-Q
PASSAGE 3-144-0-L
COMMUNICATION CENTER 3-120-01-C
CLASSIFIED STOWAGE 3-120-2-Q
ELECTRONICS EQUIP RM NO.1 3-104-2-Q
FAN RM 3-96-2-Q
SHIP SERVICE STORE 3-88-2-Q
PASSAGE 3-80-0-L
AMMUNITION ELEVATOR
PEACOAT LKR 3-80-2-A
BOSN'S STORES 3-32-0-A
CHAIN LKR 4-16-0-Q
FOREPEAK TANK 4-D-0-W
INACCESSIBLE VOID 4-G-0-V
℄ SHIP
UP
DN
O.T.
W.T.
V.L.
AFFF
EVAPORATOR
GAS TURBINE 2
GAS TURBINE 1
DIESEL ENG. 2
DIESEL ENG. 1
H.P. AIR COMP.
24"x24" RWTQAH
36"X54" SPRING HATCH
24"X24" RAWTQAH
36"X36" RWATH W/ 18" DIA RAWTQA ESCS
D.O. TANK 3-328-1-F
ENG STRM NO.2 3-304-01-A
PASSAGE 3-280-0-L
FREEZER 3-293-1-A
CHILLER 3-280-1-A
150 GAL JP-5 SERVICE TANK 3-272-1-J
ENGINE STRM NO.1 3-256-0-A
HYDR OIL TANK 3-256-1-F
AUX MACHY RM NO.2 3-192-0-E
TURBINE INTAKE 3-192-1-E
AUX MACHY RM NO.1 3-179-1-E
ENGR ASSIST TEAM LKR 3-176-1-A
PASSAGE 3-168-1-L
ELECTRIC SHOP 3-268-3-Q
CIC 3-144-01-C
TRANSMITTER RM 3-128-1-Q
ET REPAIR SHOP 3-120-1-Q
PASSAGE 3-96-1-L
IC & GYRO RM 3-96-3-C
SMALL STORES 3-88-1-A
MEDICAL STRM 3-80-1-A
BOW PROPULSION RM 4-72-0-Q
WEIGHT ROOM 3-48-0-Q
FLAMMABLE STORES 3-22-0-K

3RD DECK
SCALE 1/8"=1'-0"
11 OF 14

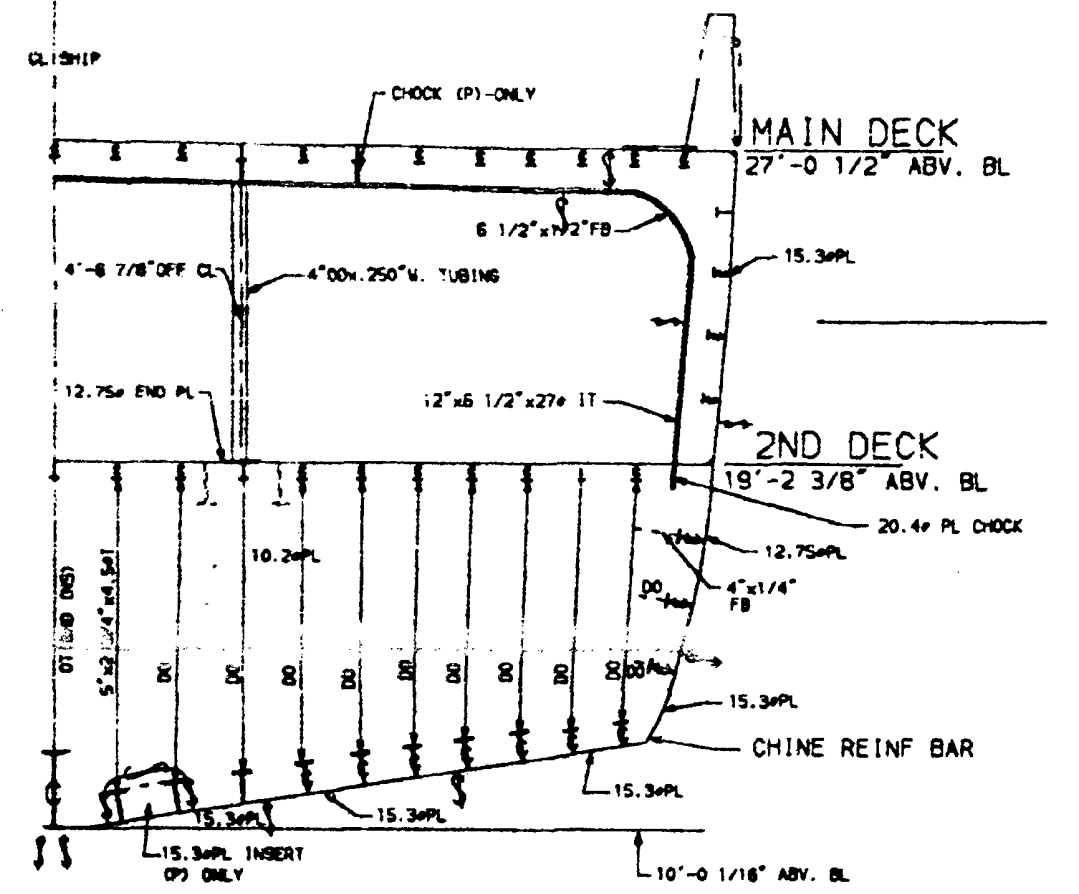

D.O. TANK 3-328-2-F
BILGE
VOID 4-296-0-V
BILGE
FRESH WATER TANK 4-280-2-W
JP-5 FUEL TANK 4-272-2-J
D.O. TANK 4-256-2-F
ENGINE RM 5-192-01-E
LUBE OIL WASTE TANK 5-192-2-F
D.O. TANK 5-180-2-F
D.O. SERVICE TANK 5-168-0-F
FRESH WATER TANK 5-176-0-W
D.O. TANK 5-168-2-F
SEWAGE TREATMENT RM NO.1 5-144-0-Q
D.O. TANK 5-156-2-F
SEWAGE EJECTOR PUMPS
SEWAGE HOLDING TANK 5-145-0-W
D.O. TANK 5-144-2-F
FUEL WASTE TANK 5-136-2-F
D.O. TANK 5-120-2-F
D.O. TANK 5-120-0-F
D.O. TANK 5-96-2-F
PUMP RM NO.1 5-96-0-Q
D.O. TANK 5-80-0-F
INACCESSIBLE VOID 5-78-0-V
VOID 5-72-2-V
VOID 5-56-0-V
HOLD FLAT OVER
MARGIN PL. OVER O.T.
76 MM NO.1 5-32-0-M
VOID 5-16-0-V
INACCESSIBLE VOID 5-4-0-V
℄ SHIP
3RD DK OVER
3RD DECK OVER
HOLD FLAT OVER
LINE OF STINGER NO. 10
10" DIA. FL. O.T.B.P.M.H. 9'-6 1/2" ABV ℄
15"X23" F.L O.T.B.P.M.H 10'-0" ABV ℄
23"X15" F.L O.T.B.P.M.H 9'-3 3/4" ABV ℄
M.H. OVER
H. OVER
V.L.
W.T.
O.T.
A.T.
SWASH
WTRTT DR
DOPPLER SPEED LOG
BILGE
D.O. TANK 3-328-1-F
INACCESSIBLE VOID 4-280-3-V
FRESH WATER TANK 4-280-1-W
JP-5 SLOP TANK 4-274-3-J
D.O. OVFL TANK 4-264-0-F
JP-5 FUEL TANK 4-272-1-J
D.O. TANK 4-256-1-F
PUMP RM NO.2 5-192-0-E
LUBE OIL CLEAN TANK 5-192-1-F
D.O. TANK 5-180-1-F
D.O. TANK 5-168-1-F
D.O. TANK 5-156-1-F
D.O. TANK 5-144-1-F
FUEL OVFL TANK 5-136-1-F
D.O. TANK 5-120-1-F
D.O. TANK 5-120-0-F
VOID 6-120-0-V
VOID 6-104-0-V
D.O. TANK 5-104-0-F
D.O. TANK 5-96-1-F
VOID 5-72-1-V
INACCESSIBLE VOID 5-72-0-V
76 MM NO.2 5-48-0-M

INNERBOTTOM
SCALE 1/8"=1'-0"
13 OF 14

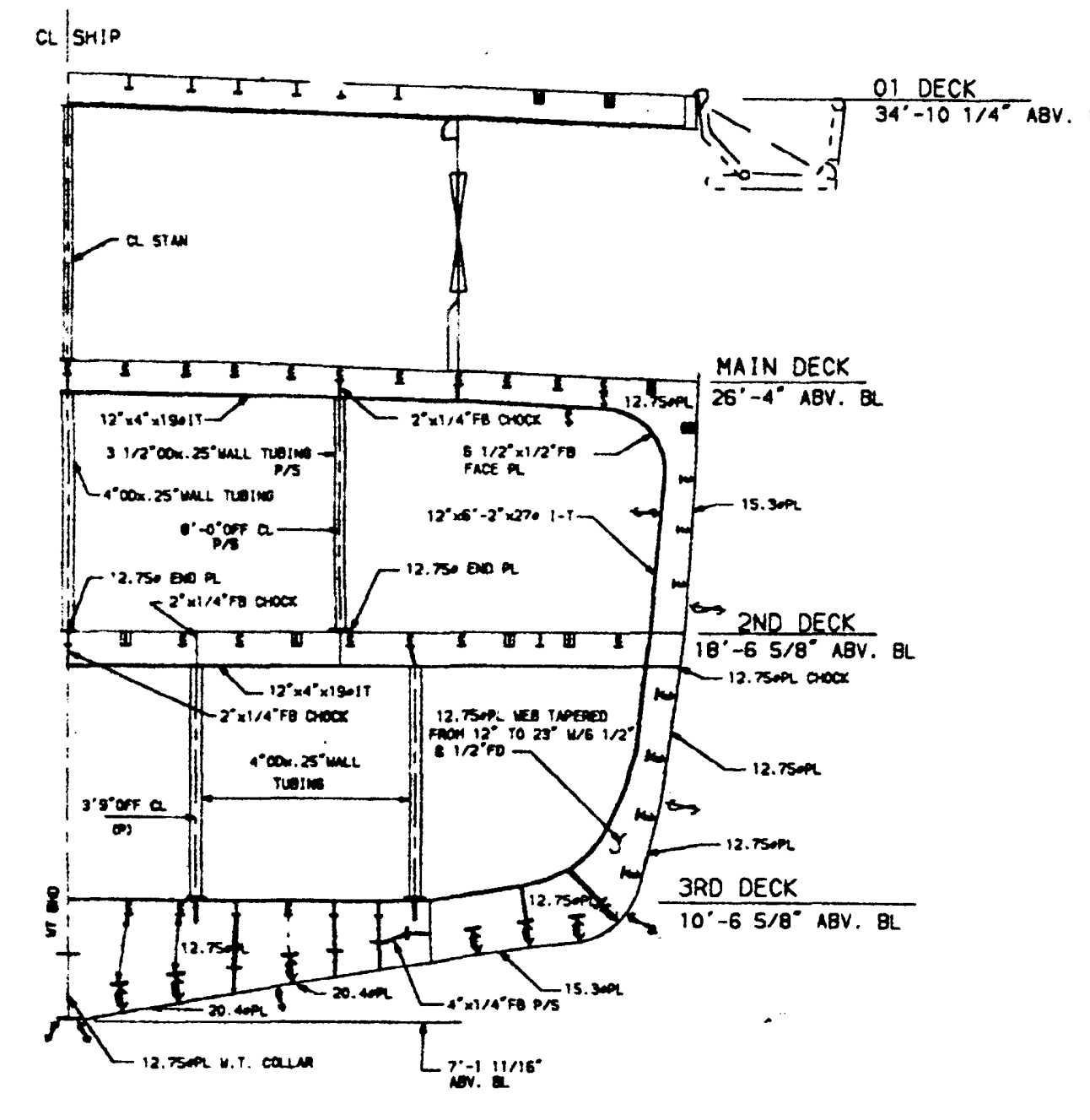
UNITED STATES COAST GUARD WASHINGTON, D.C. 20593
OFFICE OF NAVAL ENGINEERING
378 FRAM-W
BOOKLET OF
GENERAL PLANS

J 13

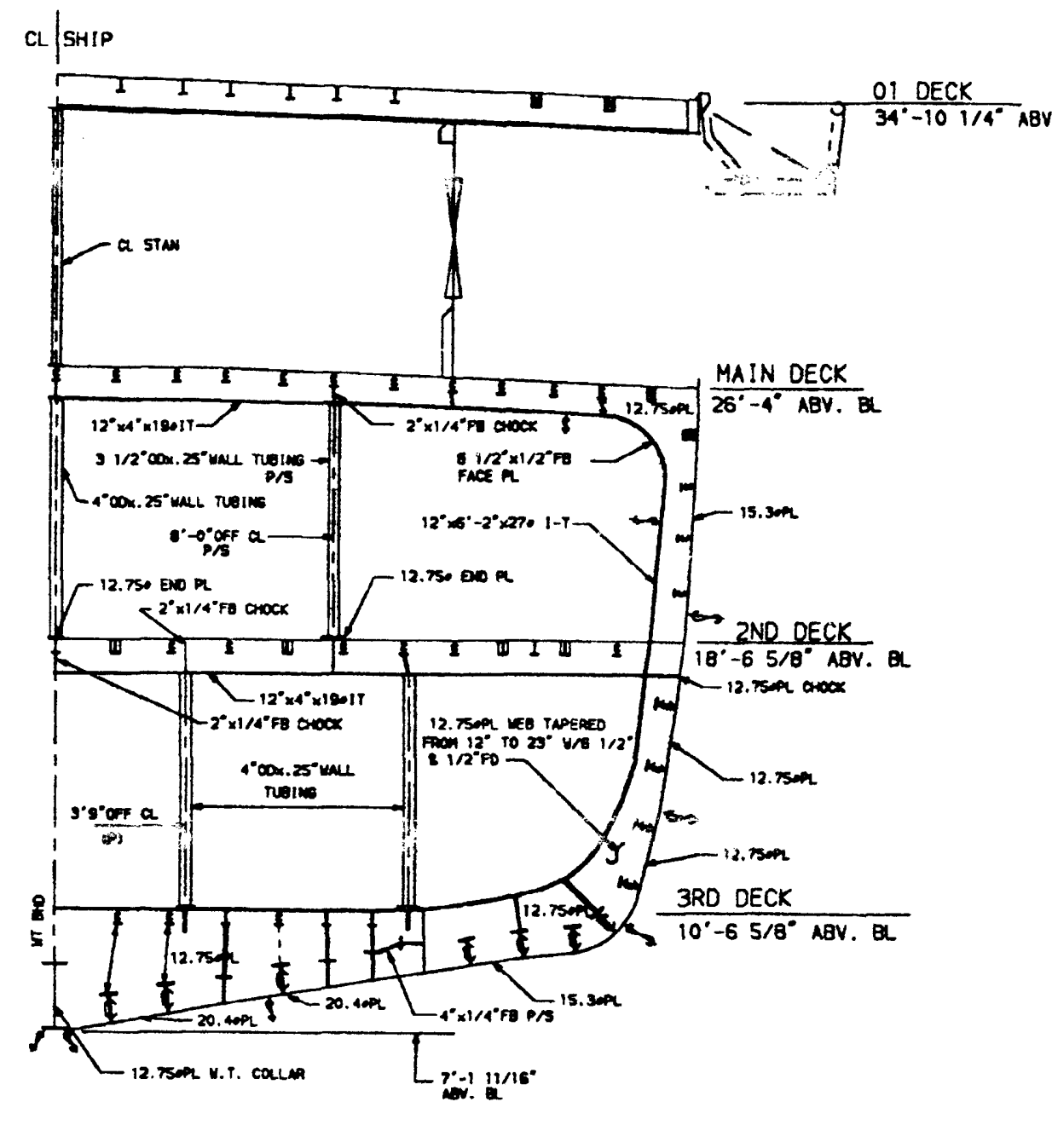
SIZE	FSCM CAGE NO.	U.S.C.G. DRAWING NO.	REV
H	81340	378-FRAM-W-801-001	J
SCALE: AS NOTED		19.58 SQ FT	SHEET 5


MAIN DECK
2ND DECK
CHINE REINF BAR

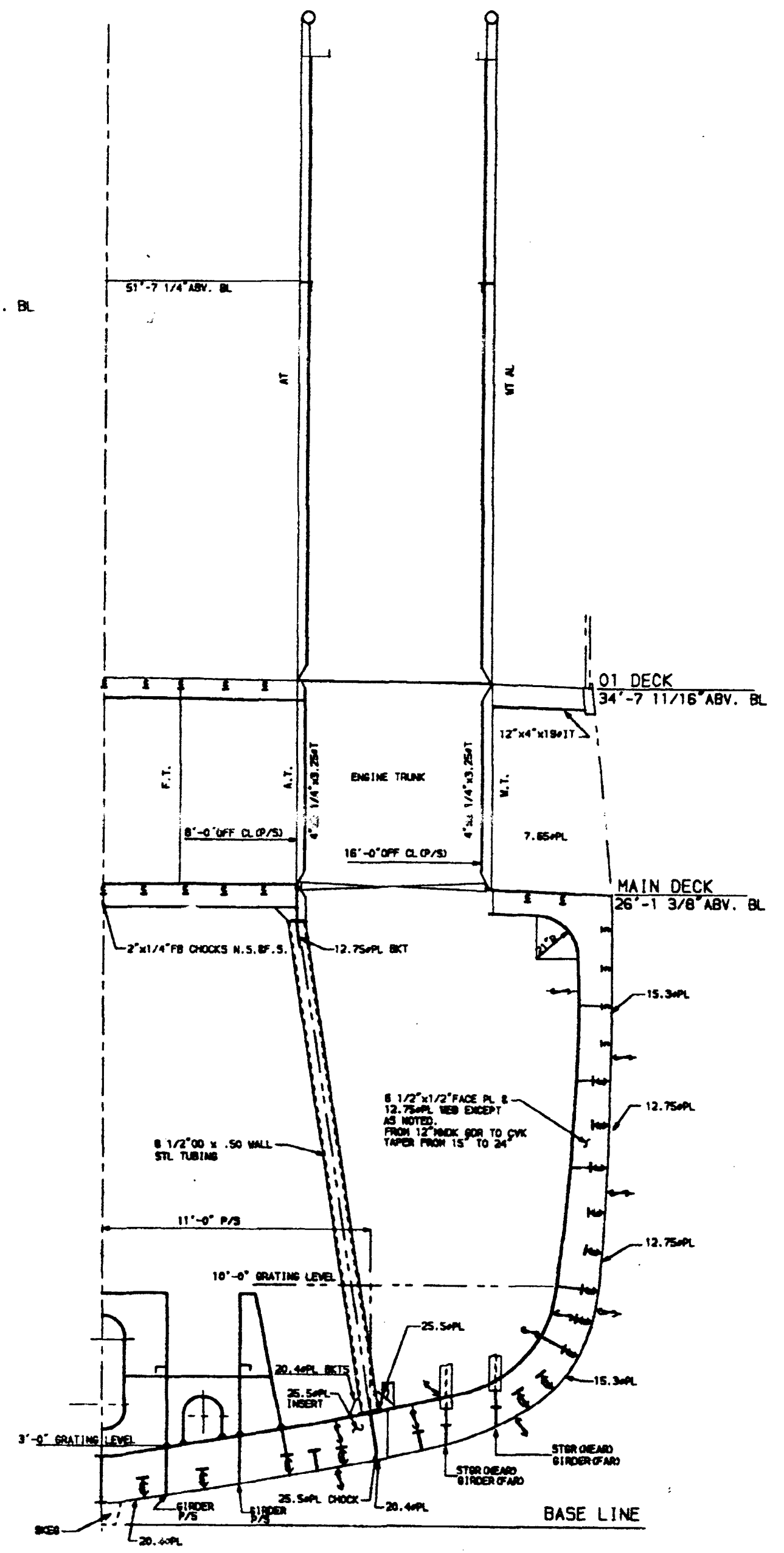
BULKHEAD 336
LOOKING AFT


CL SHIP
01 DECK
MAIN DECK
2ND DECK
3RD DECK

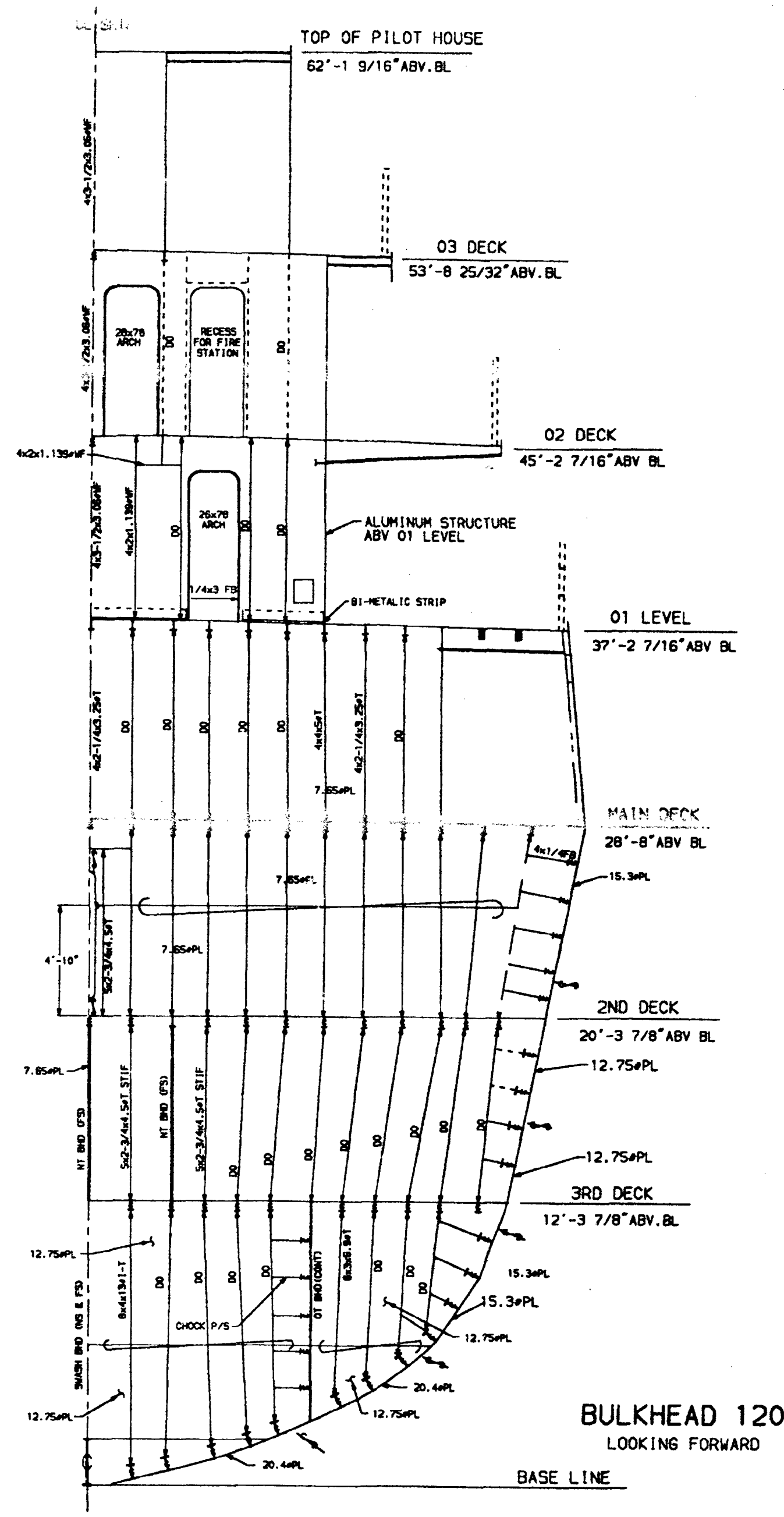
WEB FR 296
LOOKING AFT


CL SHIP
01 DECK
MAIN DECK
2ND DECK
3RD DECK

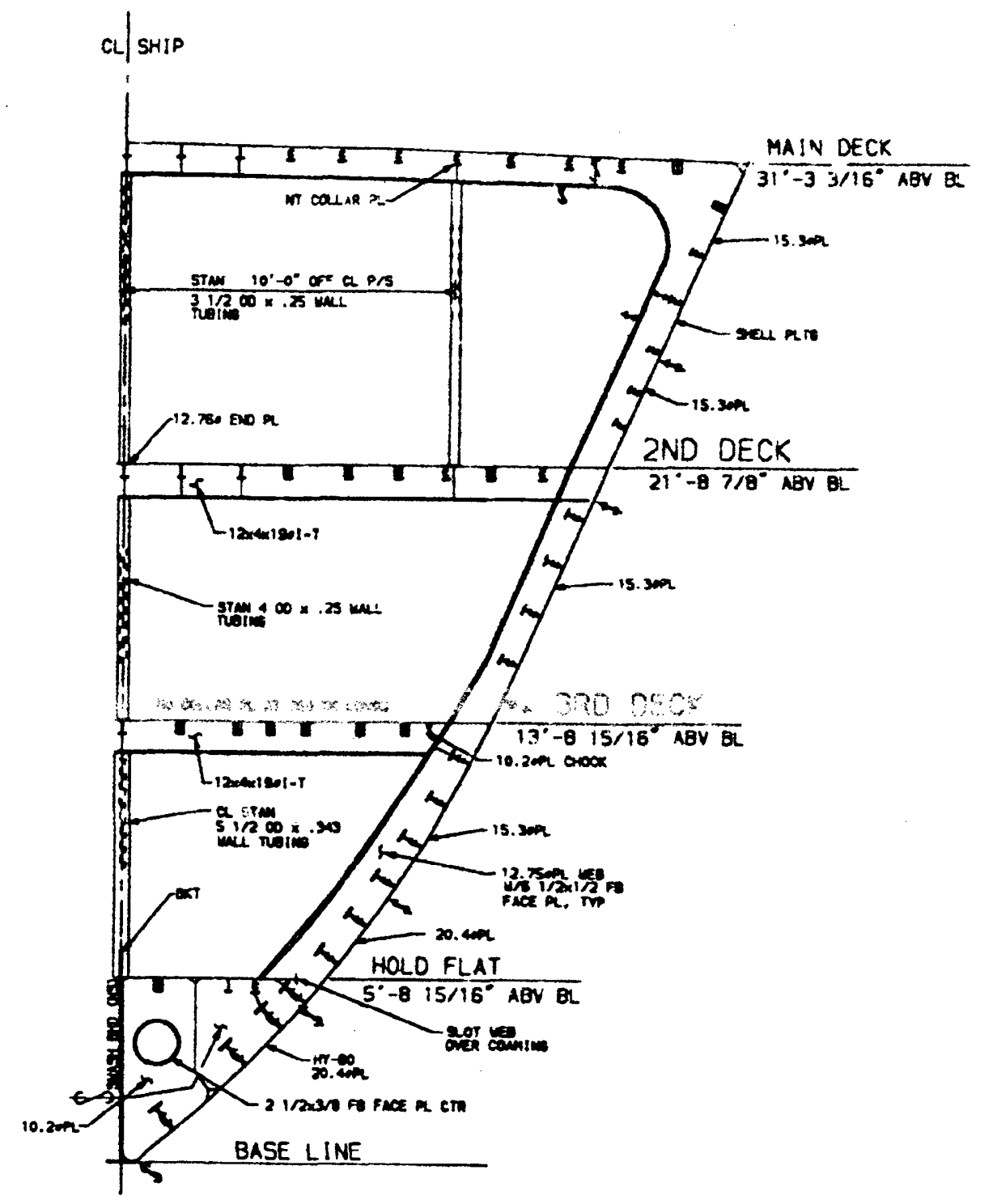
BULKHEAD 256
LOOKING AFT


01 DECK
MAIN DECK
BASE LINE

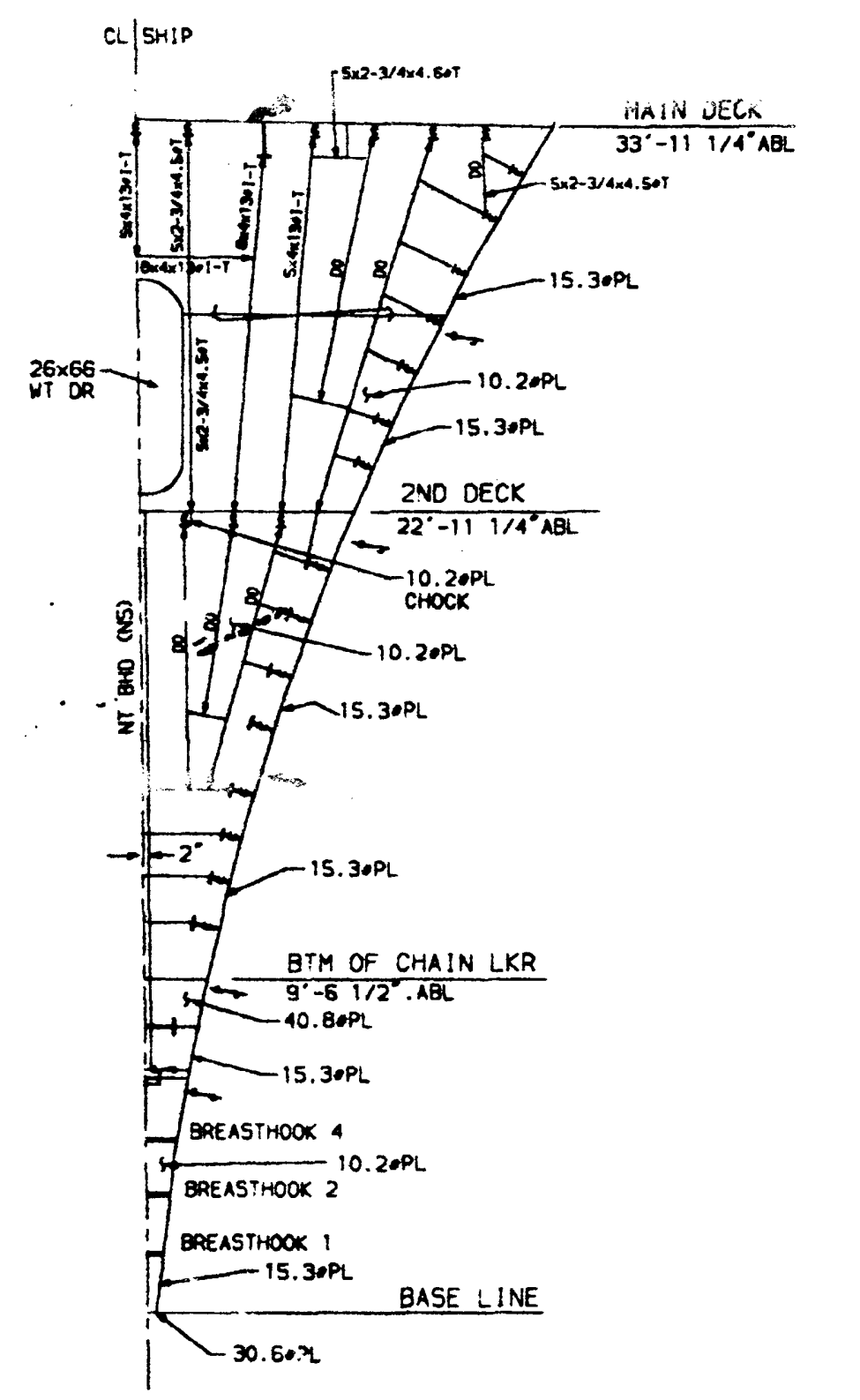
WEB FRAME 223-1/2
LOOKING AFT


TOP OF PILOT HOUSE
03 DECK
02 DECK
ALUMINUM STRUCTURE ABV 01 LEVEL
01 LEVEL
MAIN DECK
2ND DECK
3RD DECK
BASE LINE

BULKHEAD 120
LOOKING FORWARD


CL SHIP
MAIN DECK
2ND DECK
3RD DECK
HOLD FLAT
BASE LINE

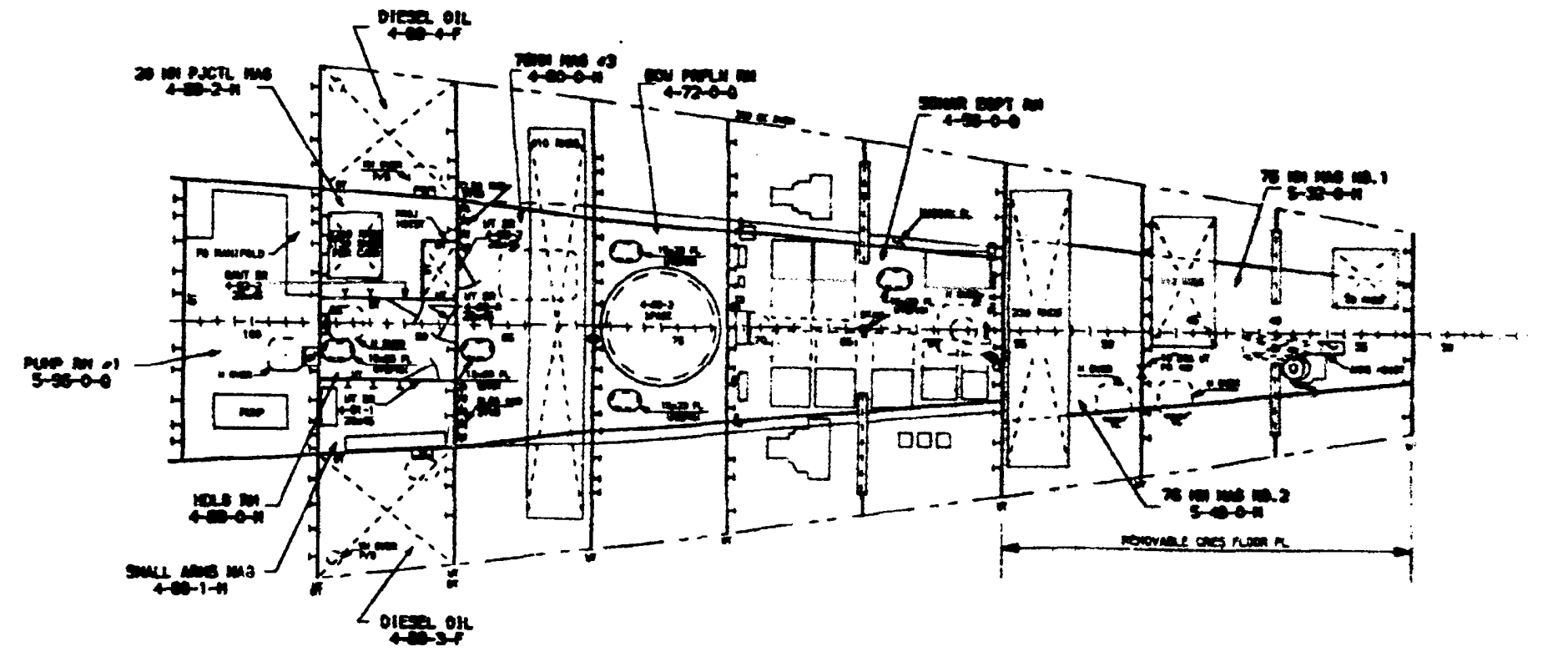
WEB FR 64
LOOKING FORWARD


CL SHIP
MAIN DECK
2ND DECK
BTM OF CHAIN LKR
BREASTHOOK 4
BREASTHOOK 3
BREASTHOOK 2
BREASTHOOK 1
BASE LINE

BULKHEAD 16
LOOKING FORWARD

MIDSHIP & TYPE SECTIONS

1/4"=1'-0"
PLATE 14 OF 14



HOLD-FLAT

1/8"=1'-0"
PLATE 12 OF 14

THIS STAMP IS
THIS DRAWING
AN ORIGINAL. REVI
ONLY BE MADE TO

DRAWN BY	DATE	APPLICABILITY - HULL(S)	717	720	724	719	723	722	725	726
GROUP EFFORT	5-13-88									

TODD APPVL

USCG APPVL

SIZE	FSCM NO	COAST GUARD DWG NO	REV
H	05744	378 FRAM-W-801-001	F

SCALE		SHEET NO
AS NOTED		6